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/H.C./	1	6500814		2002-12-31	Hesch		
000000000000000000000000000000000000000	2	6214815		2001-04-10	Shangold et al.		
000000000000000000000000000000000000000	3	5827843		1998-10-27	Koninckx		
000000000000000000000000000000000000000	4	5662927		1997-09-02	Ehrlich et al.		
300000000000000000000000000000000000000	5	5633242		1997-05-27	Oettel et al.		
***************************************	6	5468736		1995-11-21	Hodgen		
000000000000000000000000000000000000000	7	5340586		1994-08-23	Pike et al.		
*	8	5340585		1994-08-23	Pike et al.		

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Attorney Docket Number		0470-045923	

/H.C./	9	5223261	1993-06-2	Nelson et al.
	10	5211952	1993-05-1	18 Spicer et al.
000000000000000000000000000000000000000	11	5130137	1992-07-1	14 Crowley, Jr.
***************************************	12	5063507	1991-11-0	D5 Lindsey et al.
	13	4937238	1990-06-2	26 Lemon
	14	4762717	1988-08-0	O9 Crowley, Jr.
	15	4722941	1988-02-0	D2 Eckert et al.
	16	4624665	1986-11-2	25 Nuwayser
	17	4573996	1986-03-0	04 Kwiatek et al.
	18	4460372	1984-07-1	17 Campbell et al.
	19	3797494	1974-03-1	19 Zaffaroni

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Attorney Docket Number		0470-045923	

/H.C./	20	3440320		1969-04-22		Sackler et al.					
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/H.C./	1	1700602	EP		A1	2001-05-18	Pantarhei Bioscien	ce B.V			
800000000000000000000000000000000000000	2	0130357	wo		А	2001-05-03	Theramex				
	3	0062753	wo			2000-10-26	Jenapharm GmbH	& Co.			
X:000000000000000000000000000000000000	4	9858657	wo		A1	1998-12-30	Mannaerts et al				
*************************************	5	9502408	wo		A1	1995-01-26	Schering				

Application Number		10517686	
Filing Date		2004-12-10	
First Named Inventor Evert		Johannes Bunschoten et al.	
Art Unit		1616	
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Attorney Docket Number		0470-045923	

/H.C./	6	9426207	wo		1994-11-24	University of Southern California	
>00000000000000000000000000000000000000	7	9218107	wo	A1	1992-10-29	University of Southern California	
00,0000	8	468690	EP	A1	1991-07-17	Sumitomo Chemical Co., Ltd.	
000000000000000000000000000000000000000	9	0402950	EP	A	1975-12-18	Orion Yhtymae OY	
000000000000000000000000000000000000000	10	2426779	DE	A1	1975-12-18	Schering AG	
000000000000000000000000000000000000000	11	2336434	DE	A1	1975-04-17	Schering AG	
***************************************	12	2336433	DE	A1	1975-04-03	Schering AG	
V	13	9603929	wo	A1	1966-02-15	Biex, Inc.	
If you wis	h to a	dd additional Foreign P				ease click the Add button Add	
Examiner Initials*	Examiner Initials* Cite No						T5
/H.C./	1	VISSER et al., "In vitro e CLIMACTERIC (2008) 1			tor binding, drug	targets and human liver cell metabolism,"	

Application Number		10517686	
Filing Date		2004-12-10	
First Named Inventor Evert		Johannes Bunschoten et al.	
Art Unit		1616	
Examiner Name Mei-P		ing Chui	
Attorney Docket Number		0470-045923	

/H	/H.C./ 2		VISSER et al., "First human exposure to exogenous single-dose oral estetrol in early postmenopausal women," CLIMACTERIC (2008) 11(1): 1-10.	
		3	VISSER et al., "Clinical applications of estetrol," J. Of Steroid Biochem and Molecular Biol. (2009) 114: 85-89.	
		4	HOLINKA et al., "Estetrol: A unique steroid in human pregnancy," J. of Steroid Biochem and Molecular Biol. (2009) 110: 138-143.	
		5	COELINGH BENNINK et al., "Oral bioavailability and bone sparing effects of estetrol in an osteoporosis model," CLIMACTERIC (2008) 11 (Supp 3): 1-13.	
		6	ALBERTAZZI PAOLA et al., "The Effect of Tibolone Versus Continuous Combined Norethisterone Acetate and Oestradiol on Memory, Libido and Mood of Postmenopausal Women: A Pilot study"; Database Biosis 'Onlinel; 10/31/2000; pages 223-229; Vol. 36, No. 3; Biosciences Information Service, Philadelphia, PA., U.S.	
		7	MUECK et al., "Angio and Anti-Angiogenetic Effects of Estradiol and its Metabolites", J. Clin. Basic Cardiol., 2001, pp. 153-155, Vol. 4, No. 2.	
		8	SHAH et al., "Estrogen and Skin. An Overview", Am. J. Clin. Dermatol., 2001, pp. 143-150, Vol. 2, No. 3.	
		9	SITRUK-WARE et al., "Local Hormonal Treatment for Urogenital Atrophy After Menopause", Shweiz. Rundsch, Med. Praxis, 1997, pp. 1245-1248, Vol. 86, No. 33, and SITRUK-WARE, English Translation, 1997. Praxis, Schweirzerische Rundschau fur Medizin, Vol. 86, No. 33, pp 1-13.	
		10	SCHMIDT et al., "Treatment of Skin Aging with Topical Estrogens", Int. J. Dermatol., 1996, pp. 669-674, Vol. 35, No. 9.	
		11	YOUNGLAI ET AL., Journal of Clinical Endocrinology and Metabolism, 1968, Vol. 28, Issue 11, pp 1611-1617.	
		12	Webster Ninth New Collegiate Dictionary, 2000, Definition of Prevention, pg 1.	

Application Number		10517686	
Filing Date		2004-12-10	
First Named Inventor Evert		Johannes Bunschoten et al.	
Art Unit		1616	
Examiner Name Mei-P		ing Chui	
Attorney Docket Number		0470-045923	

/H.	C./	13	WILLHITE ET AL., Pharmacotherapy, 2001, Vol. 21, Issue 4, pp 464-480.	
		14	SEEGER et al., "The inhibitory effect of endogenous estrogen metabolies on copper-mediated in vitro oxidation of LDL", Int. Journal of Clinical Pharmacology and Therapeutics, (1998), Vol. 36, No. 7, pp 383-385.	
		15	KUIPERS ET AL., "Enterohepatic Circulation in the Rat", Gastroenterol., Vol. 88, pp 403-411 (1985).	
		16	SCHWARTZ, "A Model for the Regulation of Ovulation in the Rat", Recent Prog. Horm. Res., Vol. 25, pp 1-55, (1969).	
	***************************************	17	BEATTIE ET AL., "The Differential Effects of Diestrous Progestogen Administration on Proestrous Gonadotrophin Levels, Endocrinol", Vol 97, pp. 885-890, (1975).	
	000000000000000000000000000000000000000	18	DE VISSER ET AL., "Endocrinological Studies with (7a, 17 a)-17-Hydroxy-7-me norpregn-5(10)-en-20-yn-3-one (Org OD 14), Arzneim, Forsh., Vol. 34, pp 1010-1020, (1984).	
		19	National Cancer Institute: Breast cancer prevention retrieved online 08/07/2007 from the internet; http://www.cancer.gov/templates/doc.aspx?viewed+D972A74B-D25A-4F86-B8ED-33EB3C0450E4&version, page 1.	
		20	Medline Plus: Medical Encyclopedia: Ovarian cancer retrieved online on 08/09/2007 from the internet: https://www.nlm.nih.gov/medlineplus/ovariancancer.html, page 1 dated 07/31/2007.	
	1000000000000000000000000000000000000	21	National Institute of Child Health and Human Development, NIH Publication No. 02-2413 retrieved online on 08/09/2007.	
		22	Breast Cancer Prevention retrieved online 08/07/2007 from the internet; http://www.cancer.gov/cancertopics/pdq/prevention/breast/Patient/page 3.	
· Andrew		23	ZIPS ET AL., in vivo, 2005, Vol. 19, pp. 1-8.	

Application Number		10517686
Filing Date		2004-12-10
First Named Inventor Evert		Johannes Bunschoten et al.
Art Unit		1616
Examiner Name Mei-P		ing Chui
Attorney Docket Numb	er	0470-045923

/H.C./	24	HOLINKA ET AL., Biology of Reproduction, 1980, Vol. 22, pp. 913-926.	
***************************************	25	MARTUCCI et al., "Impact of Continuously Administered Catechol Estrogens on Uterine Growth and Luteinizing Hormone Secretion", Endocrinology (Dec. 1979), Vol. 105, No. 6, pp. 1288-1292.	
***************************************	26	WEIGERT et al., "Comparison of Stimulation with Clomiphenes Citrate in Combination with Recombinant Follicle Stimulating Hormone and Recombinant Luteinizing Hormone to Stimulation with a Gonadotropin-Releasing Hormone Agonist Protocol: A Prospective Randomized Study", Fertility and Sterility, (July 2002), Vol 78, No. 1, pp. 34-39.	
000000000000000000000000000000000000000	27	TROTTER et al., "Effects of Postnatal Estradiol and Progesterone Replacement in Extremely Preterm Infants", J. Clin. Endocrinol Metab., (Dec 1999), Vol. 84, No. 12, pp. 4531-5.	
000000000000000000000000000000000000000	28	SHANKLIN et al., "Aqueous Estrogens in the Management of Respiratory Distress SYndrome", J. Reprod. Med. (Aug. 1970), Vol. 5, No. 2, pp. 53-71.	
***************************************	29	CHEMICAL ABSTRACTS SERVICE, Columbus Ohio, US: JAKOWICKI, "Evaluation of Estriol Level In the Amniotic Fluid in Prolonged Pregnancy", XP002458625.	
000000000000000000000000000000000000000	30	GORWILL et al., "Unconjugated Serum Oestriol Levels in Mother and Baby with Meconium Staining of the Amniotic Fluid", Br. J. Obstet. Gynaecol. (Aug. 1978), Vol. 85, No. 8, pp. 602-4.	
***************************************	31	FOGARY, JR., "Postmaturity", J. Am. Osteopath. Assoc., (Jan. 1976), Vol. 75, No. 5, pp. 512-7.	
	32	Office Action mailed on January 11, 2008 in U.S. Patent Application No. 10/478,262.	
***************************************	33	Office Action mailed on May 15, 2008 in U.S. Patent Application No. 10/478,262.	
V	34	Office Action mailed on February 19, 2009 in U.S. Patent Application No. 10/478,262.	

Application Number		10517686
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/H.C./	35	Office Action mailed on June 9, 2009 in U.S. Patent Application No. 10/478,262.	
000000000000000000000000000000000000000	36	Office Action mailed on November 18, 2008 in U.S. Patent Application No. 10/478,264.	
000000000000000000000000000000000000000	37	Office Action mailed on May 22, 2009 in U.S. Patent Application No. 10/478,264.	
000000000000000000000000000000000000000	38	Office Action mailed on March 17, 2008 in U.S. Patent Application No. 10/478,357.	
000000000000000000000000000000000000000	39	Office Action mailed on May 16, 2008 in U.S. Patent Application No. 10/478,357.	
	40	Office Action mailed on December 16, 2008 in U.S. Patent Application No. 10/478,357.	
000000000000000000000000000000000000000	41	Office Action mailed on May 28, 2009 in U.S. Patent Application No. 10/478,357.	
000000000000000000000000000000000000000	42	Office Action mailed on April 6, 2007 in U.S. Patent Application No. 10/478,365.	
	43	Office Action mailed on September 7, 2007 in U.S. Patent Application No. 10/478,365.	
000000000000000000000000000000000000000	44	Office Action mailed on April 1, 2008 in U.S. Patent Application No. 10/478,365.	
V	45	Office Action mailed on June 8, 2009 in U.S. Patent Application No. 10/478,365.	

Application Number		10517686
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Attorney Docket Number		0470-045923

/H.C./ 46		46	Office Action mailed on January 24, 2007 in U.S. Patent Application No. 10/495,707.					
		47	Office Action mailed on December 28, 2007 in U.S. Patent Application No. 10/495,707.					
	48 Office Action mailed on August 19, 2008 in U.S. Patent Application No. 10/495,707.							
		49	Office Action mailed on May 22, 2009 in U.S. Patent Application No. 10/495,707.					
To the state of th		50	Office Action mailed on October 15, 2007 in U.S. Patent Application No. 10/517,509.					
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